

TEST RESULTS

# Alfa Romeo Giulietta

Alfa Romeo 1.6 LT JTD 'Distinctive', LHD

2010 ★★★★★



ADULT OCCUPANT



CHILD OCCUPANT



PEDESTRIAN



SAFETY ASSIST

## ADULT OCCUPANT

Total 35 pts | 97%

### FRONTAL IMPACT

15,4 pts



Driver



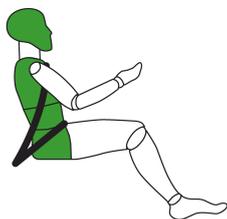
Passenger

### SIDE IMPACT CAR

8 pts

### SIDE IMPACT POLE

7,9 pts



Car



Pole

### REAR IMPACT (WHIPLASH)

3,4 pts



- GOOD
- ADEQUATE
- MARGINAL
- WEAK
- POOR

### FRONTAL IMPACT

#### HEAD

Driver airbag contact	stable
Passenger airbag contact	stable

#### CHEST

Passenger compartment	stable
Windscreen Pillar rearward	4mm
Steering wheel rearward	none
Steering wheel upward	none
Chest contact with steering wheel	none

#### UPPER LEGS, KNEES AND PELVIS

Stiff structures in dashboard	none
Concentrated loads on knees	none

#### LOWER LEGS AND FEET

Footwell Collapse	none
Rearward pedal movement	brake - 11mm
Upward pedal movement	none

### SIDE IMPACT

Head protection airbag	Yes
Chest protection airbag	Yes

### WHIPLASH

Seat description	Standard cloth 6 way manual
Head restraint type	Reactive
Geometric assessment	1 pts

#### TESTS

- High severity	2,5 pts
- Medium severity	2,5 pts
- Low severity	2,4 pts

# TEST RESULTS

## CHILD OCCUPANT

Total 42 pts | 85%

### 18 MONTH OLD CHILD

**Restraint** Fair G0/1 S  
**Group** 0, 0+  
**Facing** rearward  
**Installation** ISOFIX anchorages and support frame



**PERFORMANCE** 11,9 pts  
**INSTRUCTIONS** 4 pts  
**INSTALLATION** 2 pts

### FRONTAL IMPACT

**Head forward movement** protected  
**Head acceleration** good  
**Chest load** good

### SIDE IMPACT

**Head containment** protected  
**Head acceleration** good

### 3 YEAR OLD CHILD

**Restraint** Fair G0/1 S  
**Group** 1  
**Facing** forward  
**Installation** ISOFIX anchorages and support frame



**PERFORMANCE** 11,7 pts  
**INSTRUCTIONS** 4 pts  
**INSTALLATION** 2 pts

### FRONTAL IMPACT

**Head forward movement** protected  
**Head acceleration** good  
**Chest load** fair

### SIDE IMPACT

**Head containment** protected  
**Head acceleration** good

### VEHICLE BASED ASSESSMENT

6 pts

### Airbag warning Label

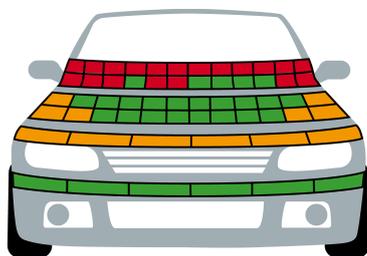
Text and pictogram warning label permanently attached to both sides of the passenger sun visor

## PEDESTRIAN

Total 23 pts | 63%

## SAFETY ASSIST

Total 6 pts | 86%



**GOOD**  
**MARGINAL**  
**POOR**

**HEAD** 13,5 pts  
**PELVIS** 3,1 pts  
**LEG** 6 pts

### SPEED LIMITATION ASSISTANCE 0 pts

- 0, not available

### ELECTRONIC STABILITY CONTROL (ESC) 3 pts

- standard

### SEATBELT REMINDER 3 pts

- driver 1 pts  
 - passenger 1 pts  
 - rear 1 pts

## DETAILS OF TESTED CAR

### SPECIFICATIONS

<b>Tested model</b>	Alfa Romeo 1.6 LT JTD 'Distinctive', LHD
<b>Body type</b>	5 door hatchback
<b>Year of publication</b>	2010
<b>Kerb weight</b>	1334kg
<b>VIN from which rating applies</b>	applies to all Giuliettas

### SAFETY EQUIPMENT

<b>Front seatbelt pretensioners</b>	double pretensioners
<b>Front seatbelt load limiters</b>	
<b>Driver frontal airbag</b>	dual stage
<b>Front passenger frontal airbag</b>	dual stage
<b>Side body airbags</b>	
<b>Side head airbags</b>	

## COMMENTS

### Adult occupant

The passenger compartment remained stable in the frontal impact. Dummy readings indicated good protection of the knee and femurs of both the driver and passenger. Alfa Romeo were able to show that similar protection would be offered to occupants of different sizes and to those sat in different positions. The Giulietta scored maximum points in the side barrier impact. In the more severe side pole test, good protection was provided to all body regions except the chest, where protection was adequate. A reactive head restraint (one which moves forward in response to the rearward movement of the occupant) provided good protection against whiplash injuries in the event of a rear impact.

### Child occupant

Forward movement of the 3 year dummy, sat in a forward facing child restraint, was not excessive in the frontal impact. Both dummies were properly contained by their respective restraints in the side barrier test. The passenger airbag can be disabled to allow a rearward facing child restraint to be used in that seating position. However, information provided to the driver regarding the status of the airbag is not sufficiently clear.

### Pedestrian

The Giulietta scored maximum points for the protection offered by the bumper to pedestrians' legs. Marginal protection was provided by the front edge of the bonnet. In most areas likely to be struck by the head of a struck child, the bonnet offered good protection. However, for an adult's head, the bonnet offered poor protection in most areas.

### Safety assist

Electronic Stability Control (ESC) is standard equipment on all variants, along with a seatbelt reminder system for the front and rear seats.